

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025830.D
 Acq On : 23 Sep 2025 15:14
 Operator : CG/JU
 Sample : Q3135-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-121

Quant Time: Sep 23 15:35:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

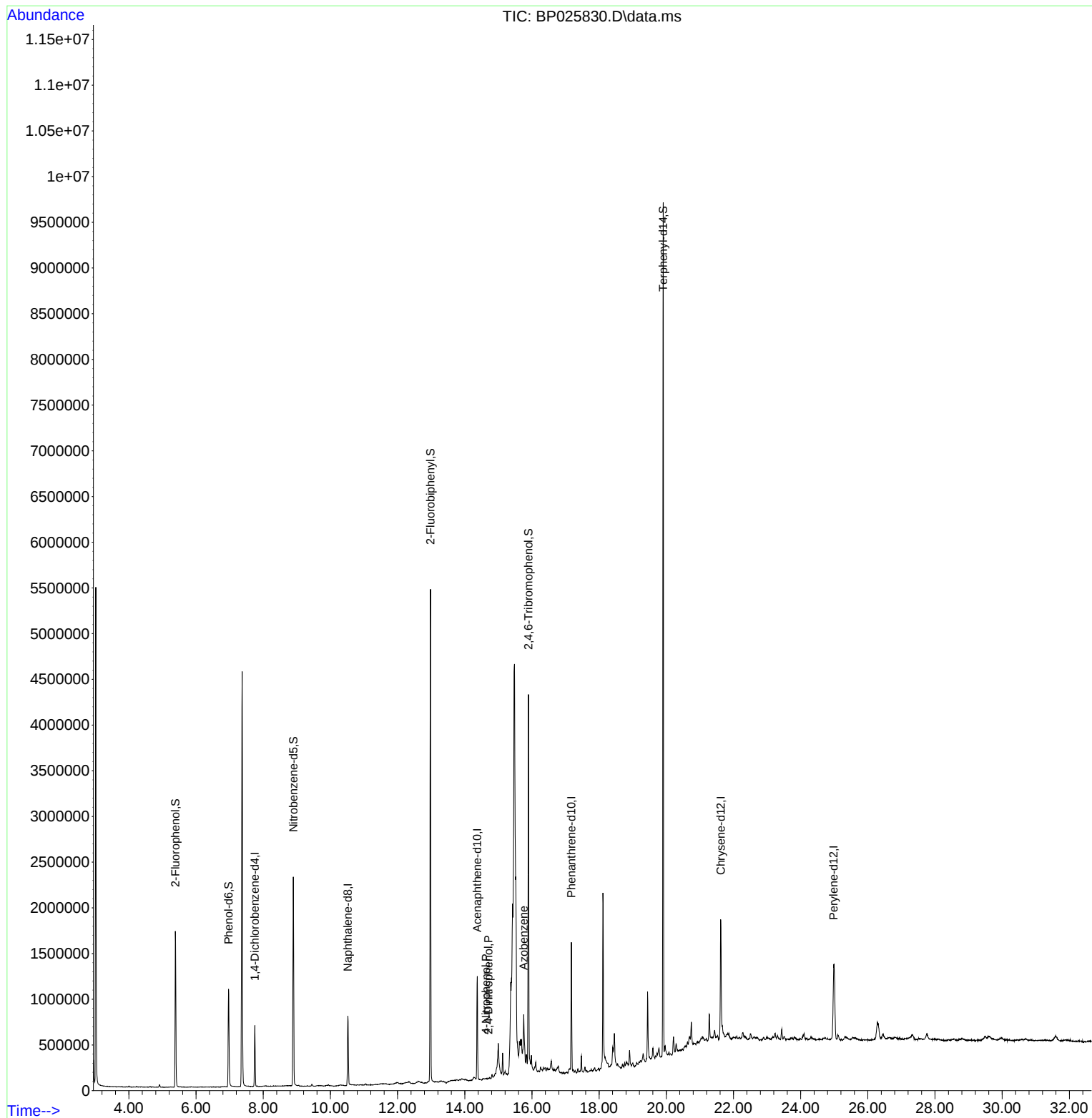
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	171722	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	662828	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	417017	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	818802	20.000	ng	-0.01
76) Chrysene-d12	21.618	240	914795	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1064834	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	766599	72.032	ng	0.00
7) Phenol-d6	6.966	99	702137	49.636	ng	0.02
23) Nitrobenzene-d5	8.896	82	1318449	87.742	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	746121	143.445	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2764394	88.265	ng	-0.01
79) Terphenyl-d14	19.907	244	4179563	82.193	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.701	184	1148	5.070	ng	93
56) 4-Nitrophenol	14.631	139	598	4.575	ng	99
63) Azobenzene	15.754	77	109005	3.491	ng	# 1

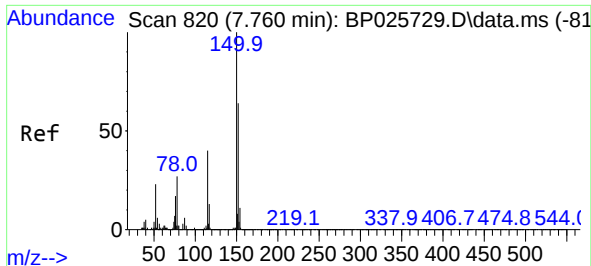
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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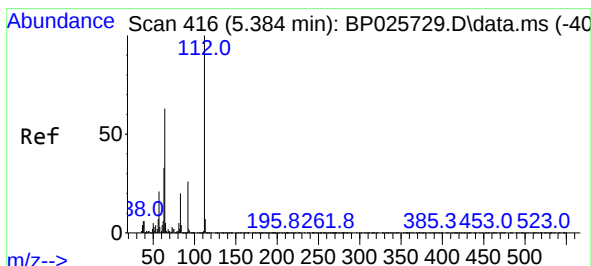
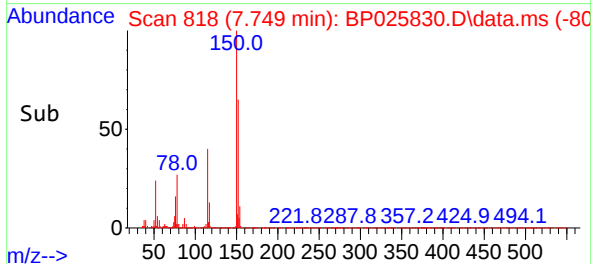
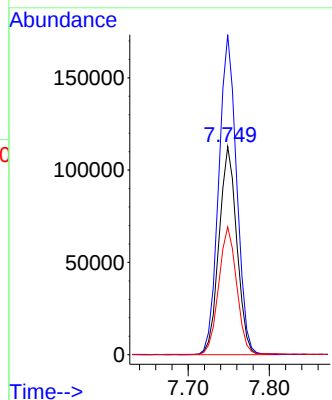
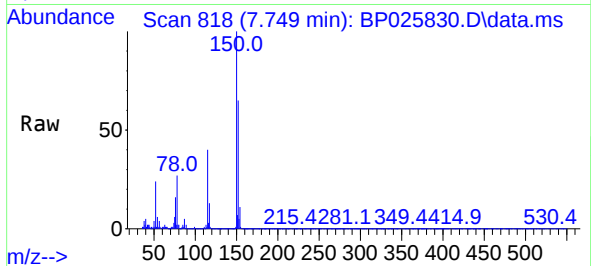




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

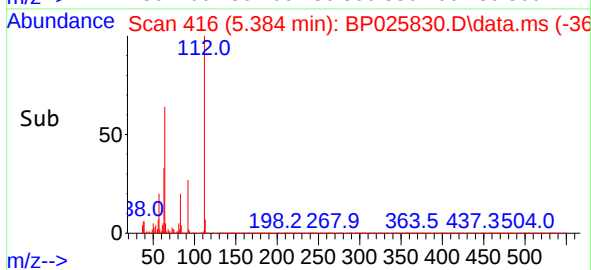
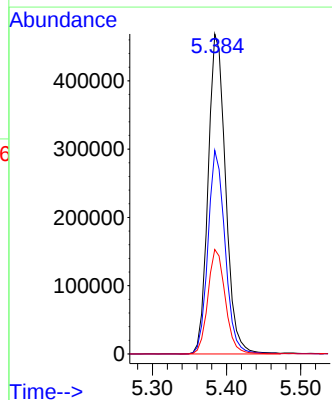
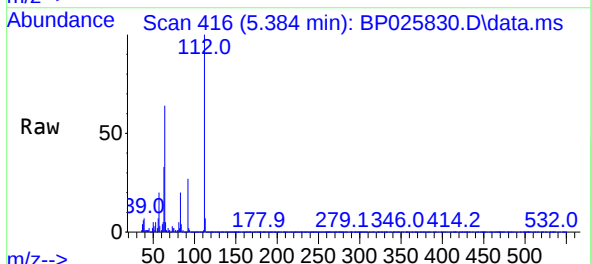
Instrument :
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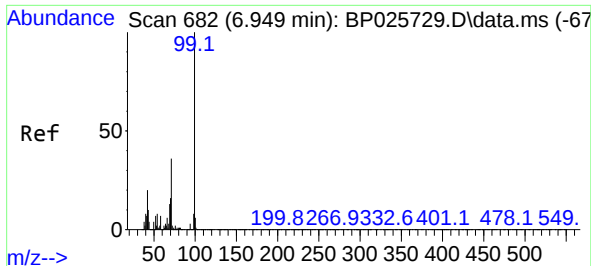
Tgt Ion:152 Resp: 171722
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 61.4 50.3 75.5



#5
2-Fluorophenol
Concen: 72.032 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

Tgt Ion:112 Resp: 766599
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.4
63 32.7 26.7 40.1

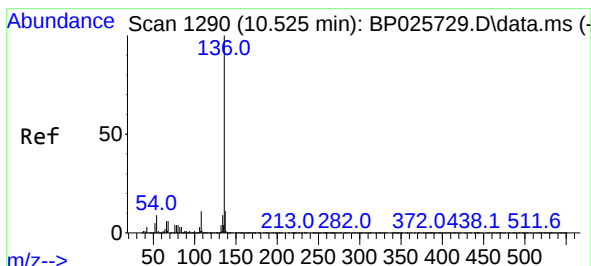
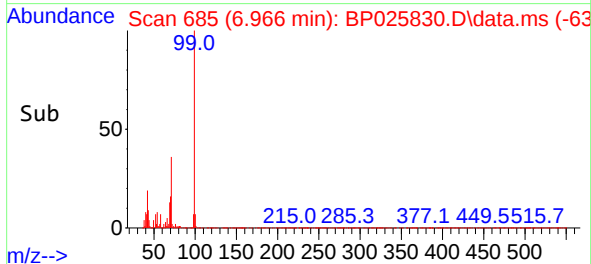
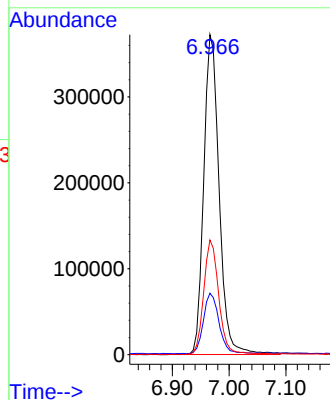
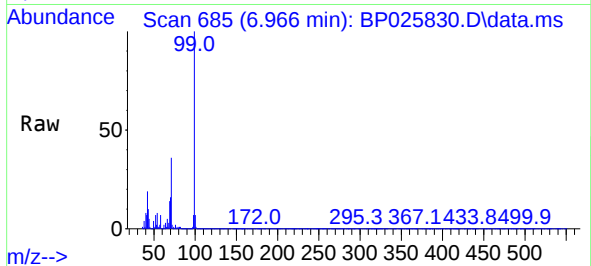




#7
Phenol-d6
Concen: 49.636 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

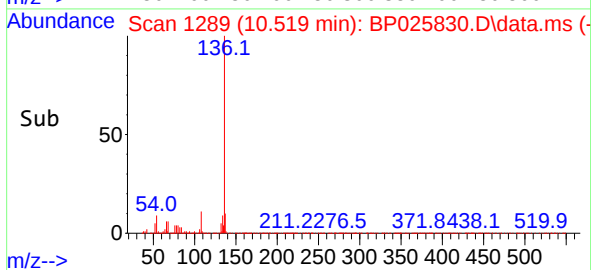
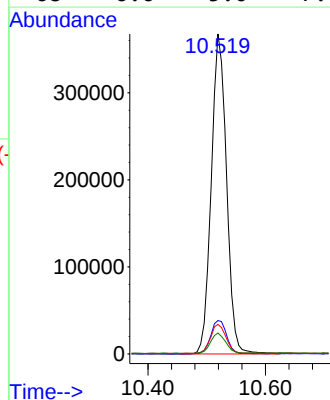
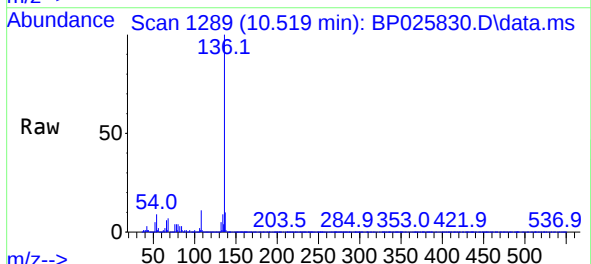
Instrument :
BNA_P
ClientSampleId :
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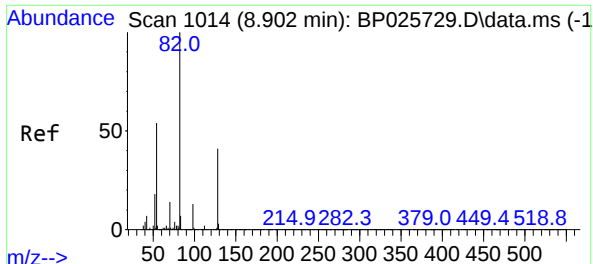
Tgt Ion: 99 Resp: 702137
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 35.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

Tgt Ion:136 Resp: 662828
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.3 7.5 11.3
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.742 ng

RT: 8.896 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP025830.D

Acq: 23 Sep 2025 15:14

Instrument :

BNA_P

ClientSampleId :

MH-121

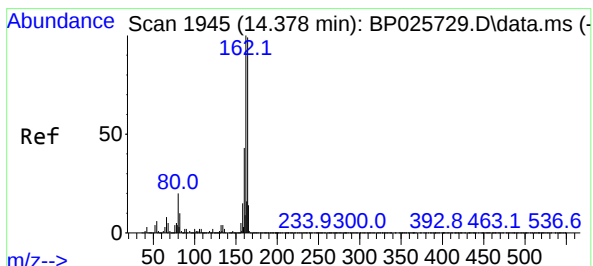
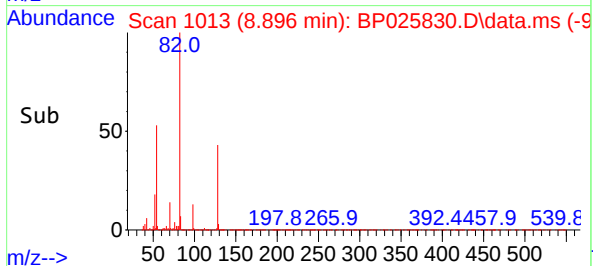
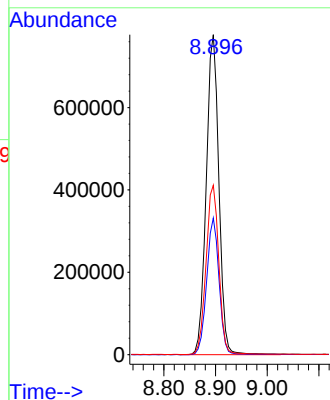
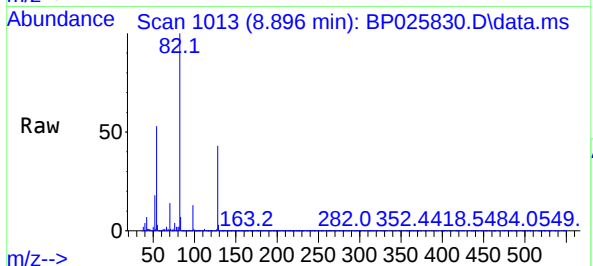
Tgt Ion: 82 Resp: 1318449

Ion Ratio Lower Upper

82 100

128 42.7 32.9 49.3

54 53.0 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP025830.D

Acq: 23 Sep 2025 15:14

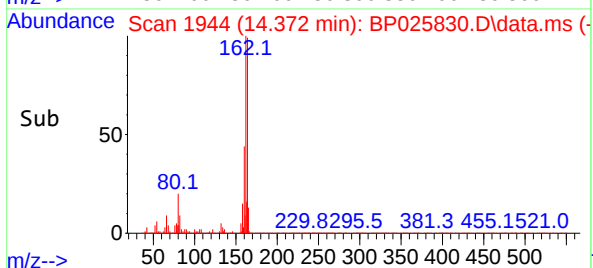
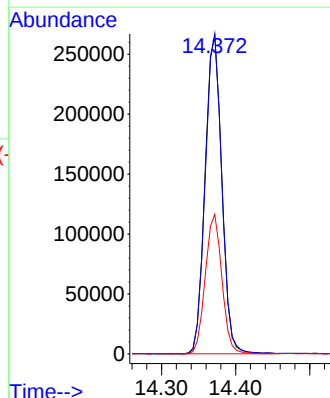
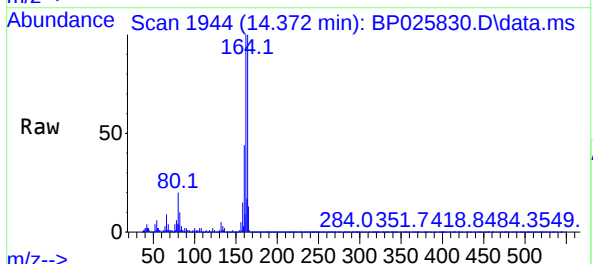
Tgt Ion:164 Resp: 417017

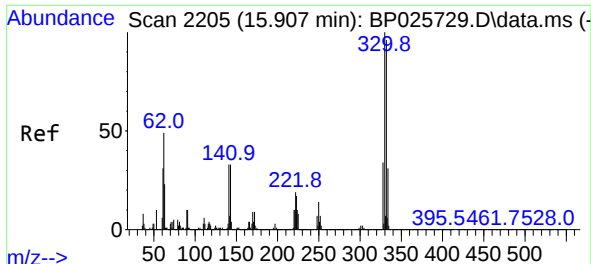
Ion Ratio Lower Upper

164 100

162 100.5 80.6 120.8

160 43.8 35.0 52.6

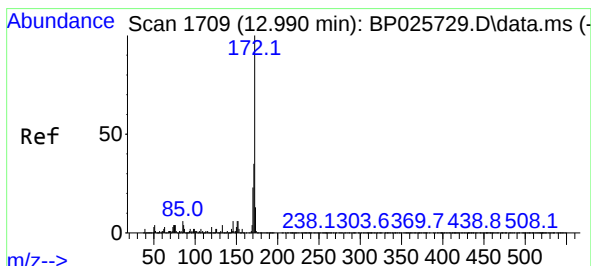
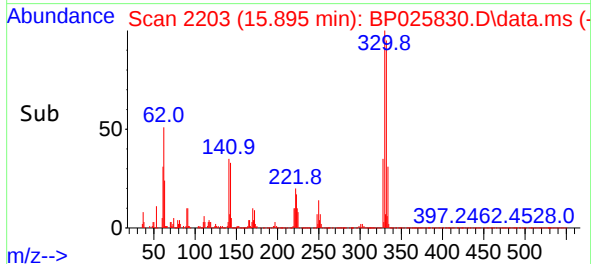
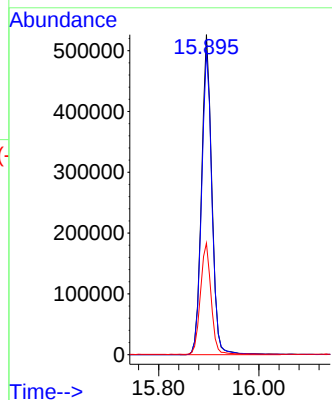
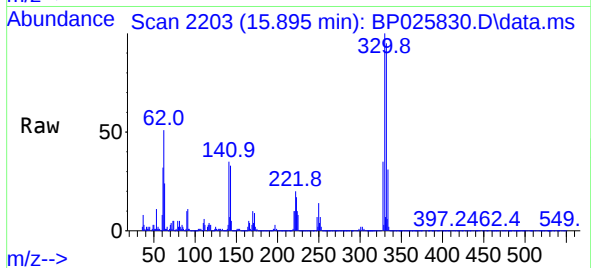




#42
2,4,6-Tribromophenol
Concen: 143.445 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

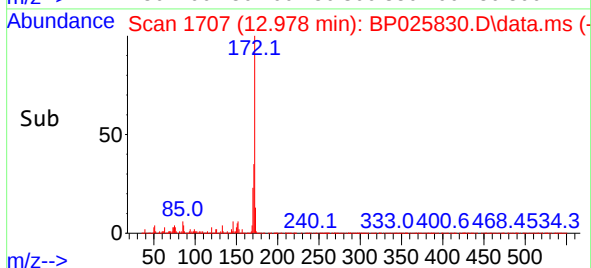
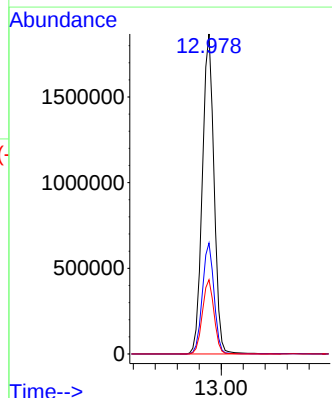
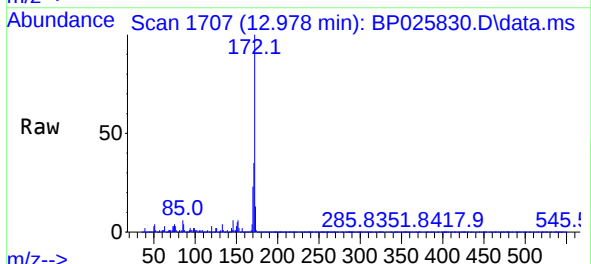
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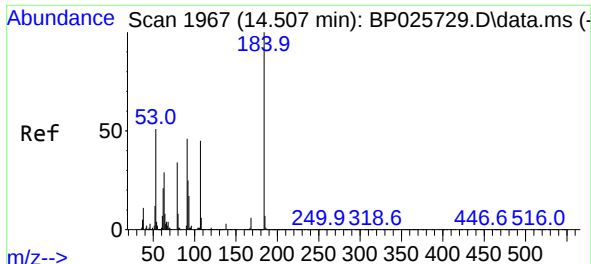
Tgt Ion:330 Resp: 746121
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 36.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 88.265 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

Tgt Ion:172 Resp: 2764394
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8

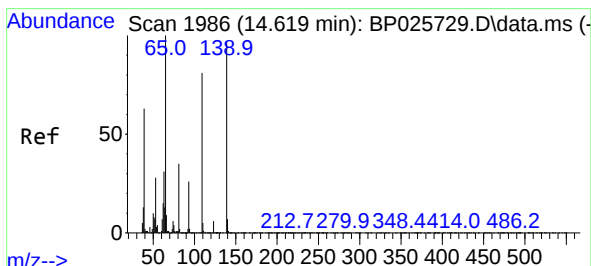
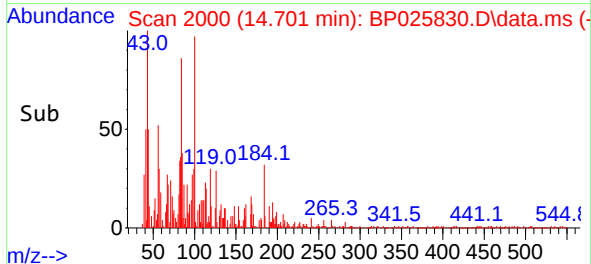
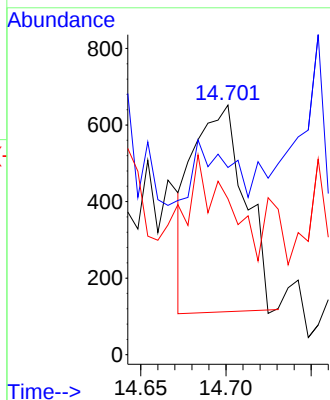
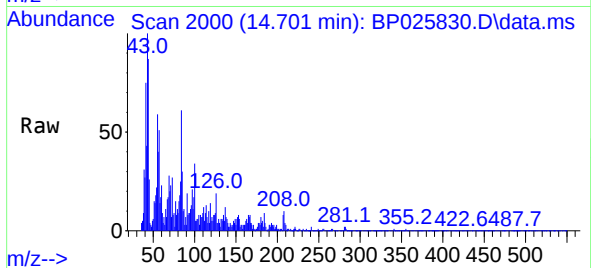




#54
2,4-Dinitrophenol
Concen: 5.070 ng
RT: 14.701 min Scan# 20
Delta R.T. 0.194 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

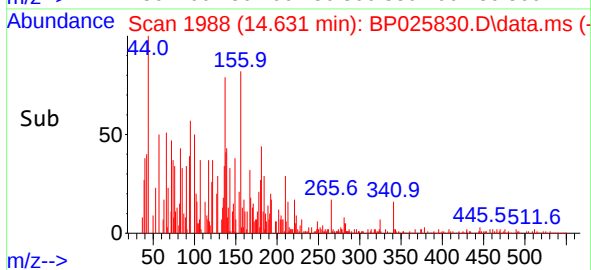
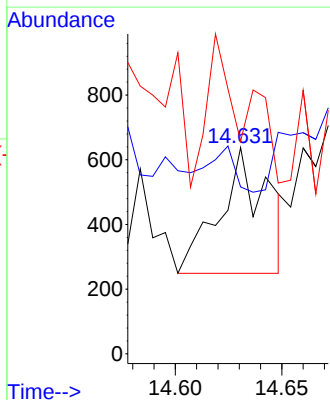
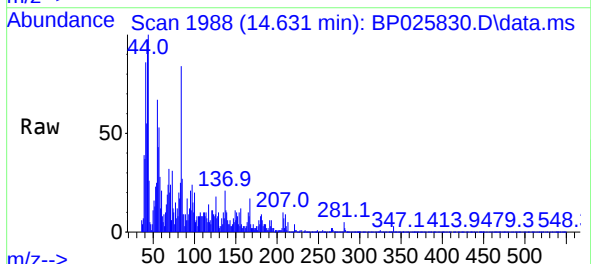
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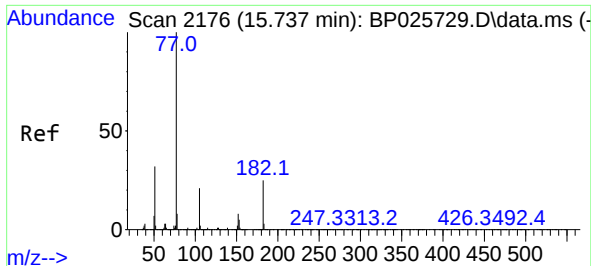
Tgt Ion:184 Resp: 1148
Ion Ratio Lower Upper
184 100
63 75.0 52.5 78.7
154 62.4 51.5 77.3



#56
4-Nitrophenol
Concen: 4.575 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

Tgt Ion:139 Resp: 598
Ion Ratio Lower Upper
139 100
109 80.9 62.9 102.9
65 103.0 83.4 123.4

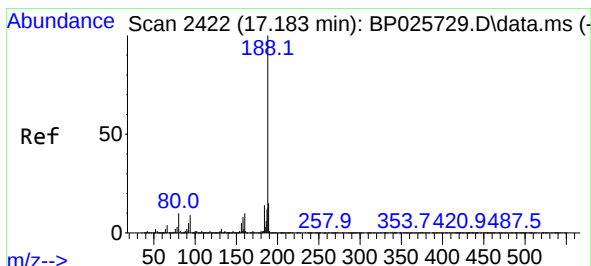
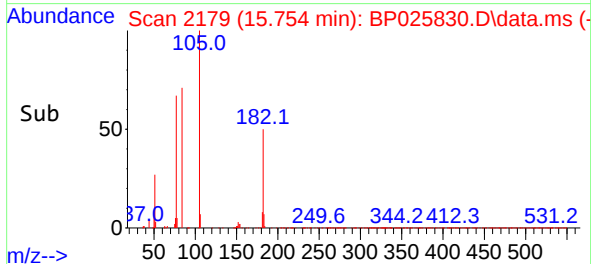
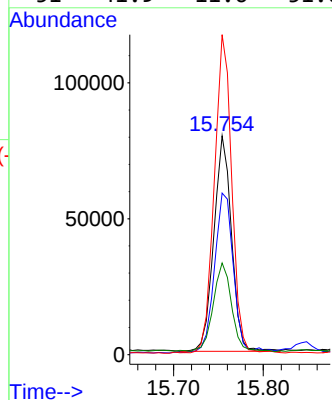
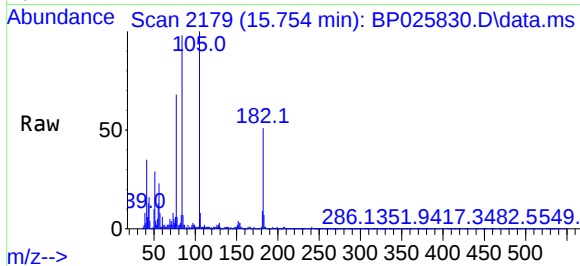




#63
Azobenzene
Concen: 3.491 ng
RT: 15.754 min Scan# 2176
Delta R.T. 0.018 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

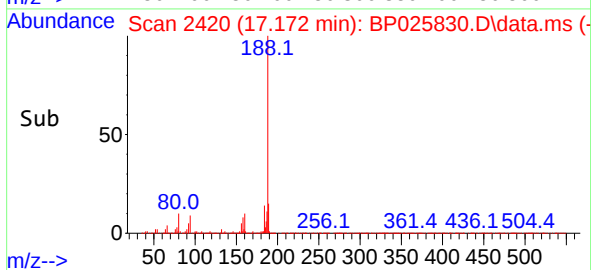
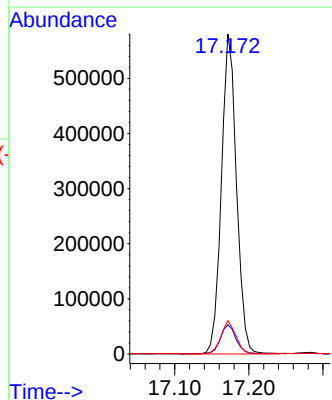
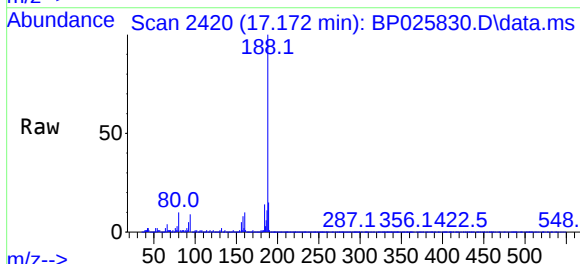
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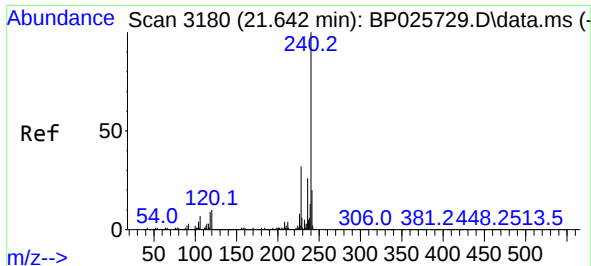
Tgt Ion: 77 Resp: 109005
Ion Ratio Lower Upper
77 100
182 73.8 5.2 45.2#
105 146.2 1.1 41.1#
51 41.9 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

Tgt Ion: 188 Resp: 818802
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.4 7.7 11.5

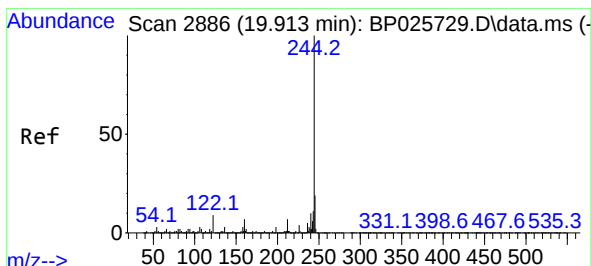
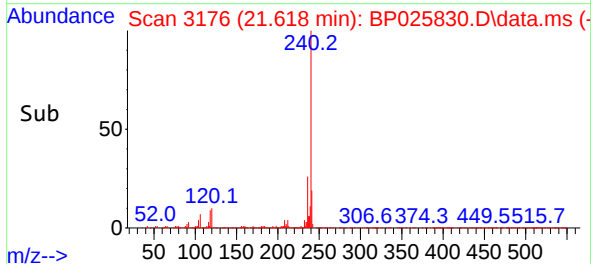
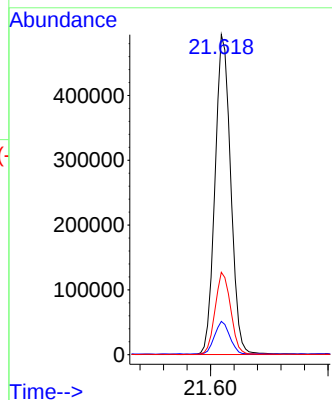
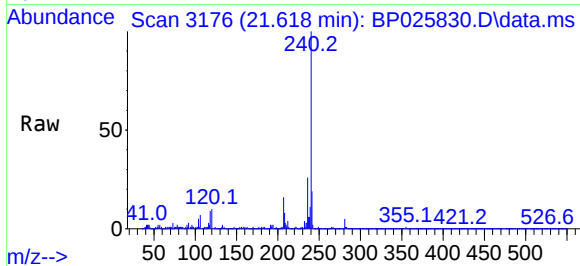




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

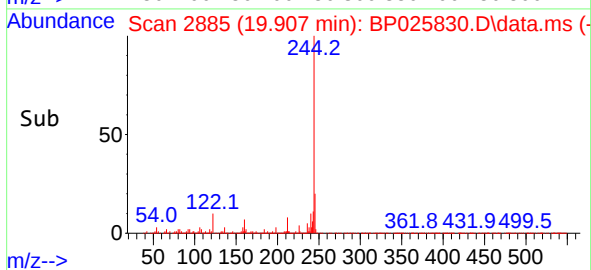
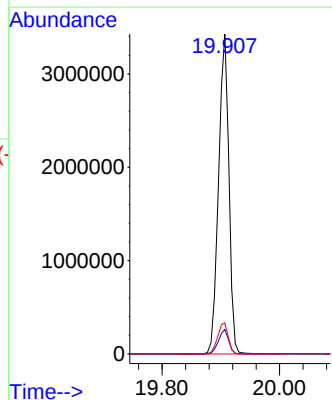
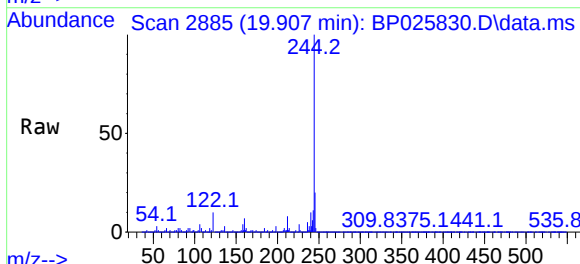
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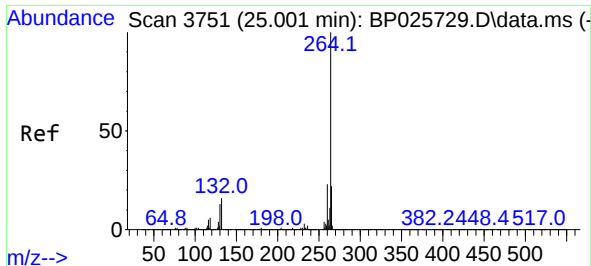
Tgt Ion:240 Resp: 914795
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 82.193 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.006 min
Lab File: BP025830.D
Acq: 23 Sep 2025 15:14

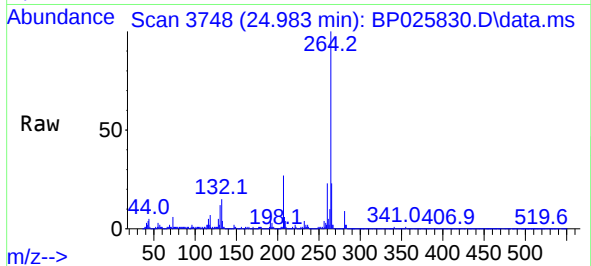
Tgt Ion:244 Resp: 4179563
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 9.7 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.983 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP025830.D
 Acq: 23 Sep 2025 15:14

Instrument :
 BNA_P
 ClientSampleId :
 MH-121



Tgt Ion:264 Resp: 1064834
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 22.6 17.3 25.9

